

# THE DAILY EXAMINER.

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NEW SERIES.

CHARLOTTETOWN, P. E. ISLAND, TUESDAY, DECEMBER 13, 1887.

VOL. 22.—NO. 17.

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is issued every evening by  
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Advertising at moderate rates.

Contracts may be made for monthly, quar-  
terly, half-yearly, or yearly advertisements,  
on application.

ALMANAC FOR DECEMBER, 1887.

MOON'S CHANGES.

Last Quarter 7th day, 10h., 58.3m., p. m., N.

W. (below horizon.)

New Moon 14th day, 3h., 9.0m., p. m., West.

First Quarter 22nd day, 2h., 48.7m., a. m.,

N. W. (be'ow horizon.)

Full Moon 30th day, 4h., 1.8m., a. m., S. W.

DAY OF WEEK Sun Sun Moon High Day's

M rises sets rises water len h

1 Thursday 7 28 4 9 5 23 10 59 8 41

2 Friday 30 9 6 13 11 36 39

3 Saturday 31 7 9 11 13 38

4 Sunday 32 9 8 11 0 52 37

5 Monday 33 9 9 18 1 36 36

6 Tuesday 34 8 10 25 2 24 33

7 Wednesday 35 8 11 38 3 18 31

8 Thursday 36 8 10 51 4 29 30

9 Friday 37 8 0 51 5 49 29

10 Saturday 38 8 2 6 7 5 28

11 Sunday 39 8 3 20 8 11 27

12 Monday 40 8 4 36 9 3 24

13 Tuesday 41 8 5 51 9 53 26

14 Wednesday 42 8 7 2 10 34 26

15 Thursday 43 9 8 7 11 19 25

16 Friday 44 9 9 6 12 0 25

17 Saturday 44 9 9 53 0 2 25

18 Sunday 45 10 10 33 0 43 24

19 Monday 46 10 11 7 1 24 24

20 Tuesday 46 10 11 36 2 7 24

21 Wednesday 47 11 0 1 2 51 25

22 Thursday 47 12 0 26 3 44 25

23 Friday 48 13 0 49 4 44 25

24 Saturday 48 13 1 12 5 50 26

25 Sunday 48 14 1 32 6 54 26

26 Monday 49 15 2 7 7 50 26

27 Tuesday 49 15 2 40 8 36 27

28 Wednesday 49 16 3 19 9 20 27

29 Thursday 49 16 4 0 10 1 28

30 Friday 49 17 5 0 10 40 28

31 Saturday 49 17 6 1 11 20 28

—FOR—

**B-O-S-T-O-N**

WINTER ARRANGEMENT

THE PALACE STEAMERS

OF THE

INTERNATIONAL S.S. CO.

Leave St. John for Boston, via Eastport and Port

land, every Monday, and Thursday at 8.00 a. m.

Fare from Charlottetown to Boston, \$6.00, 2nd

class; \$9.50, 1st class.

For tickets and other information apply to

G. A. SHARP, P. E. I. S. S. CO.

P. E. I. S. S. CO. P. E. I. Steam Nav. Co.

or to your nearest Ticket Agent.

Nov. 12, 1887—end wky

**L. ARTHUR & CO.,**

COMMISSION MERCHANTS,

RECEIVERS OF

Mackerel, Butter, Cheese EGGS

Poultry, Potatoes, Fruit &

Vegetables.

142, 144 Commercial Street,

BOSTON, MASS.

May 18, 1887.

It's an ill wind that blows nobody Good.

THE leading Dry Goods firms of the City

are selling off at 20 and 30 per cent. dis-  
count (see advts.) Perhaps their profits war-  
rant the reductions in price; perhaps not.

Anyway, it's a good thing for the purchasers.

**OUR ADVICE.**

Don't buy any more Dry Goods than you

need because they are cheap. Buy just what

you would have bought if no reductions had

been made. Then you will find that you have

a good many dollars on hand that you did not

expect to have. Now, bring those dollars

over to our store and lay in a stock of

**GOOD THINGS TO EAT.**

(You can't live on Dry Goods.) Get a box of

Raisins, a few pounds of Currants, 5 or 10 lbs.

of Tea (or a half chest if you have a large

family), a good supply of Sugar, Rice, Spices,

a tin of Kerosene Oil, and such other Goods

as you need. We have a

**BIG STOCK,**

WHICH WE WILL SELL

**VERY LOW,**

and the more you buy, the bigger the

discount.

**GEO. CARTER & CO.,**

MARKET SQUARE,

Next to Chappelle's Bookstore.

nov24—law wky

## GREAT DRY GOODS SALE.

We intend to make extensive alterations in our premises next spring, and a change in our business, and to do this must clear out our entire stock of Dry Goods, Clothing, Carpets, &c., &c

To dispose of this immense stock within so short a time, it must be sold at a sacrifice, and we shall, therefore, give discounts varying from 20 up to 30 per cent.

The stock consists of Seasonable and Fashionable Goods, which are all marked in plain figures, and at prices that are well known to be the lowest in the market.

This Sale will be for CASH ONLY.

**HARRIS & STEWART**

SUCCESSORS TO GEO. DAVIES & CO.

Ch'town, Nov. 18, 1887.

CHARLOTTETOWN, MARKET SQUARE.  
SUMMERSIDE, WATER STREET.

CASH STORES CASH  
NEW DRESS GOODS, MANTLES AND FURS.  
**JAMES PATON & CO.**

Are Showing Very Large Stocks of

DRESS GOODS,  
MANTLES,  
FURS,  
MILLINERY,  
UNDERCLOTHING,  
MEN'S OVERCOATS,  
CARPETS,  
TAPESTRY CURTAINS,  
WOOL SCARFS,  
GOAT ROBES,  
FUR COATS.

TRY US

[FAMILY MOURNING.]

TRY US

**JAMES PATON & CO.**

h'town, Nov. 30, 1887.

**Charlottetown Boot & Shoe Factory**

BETTER THAN EVER.

Old Lasts Thrown Away; New Lasts Received.

The Long-looked for Boot at Last.

Great Comfort.  
Great Wear.  
Best Value.

**GOFF BROS.**

Ch'town, Nov. 14, 1887—end & wky

Literary and Scientific Institute.

REPORT OF PRESIDENT C. PALMER, ESQ.

THE transactions of the Literary and Scientific Institute for the past year, which I have now the pleasure to report, have been both profitable and entertaining to the members and others who have attended its meetings. On the 2nd December last the Institute entered on its second year only. On the evening of that day the members met, and a report of the past year was read and adopted, and was afterwards gratuitously published by the Charlotte-town press. On the 9th of the same month Mr. Thomas McKinlay read a paper before the Institute on "Photography," sketching its history, as he did, from its earliest dawn, exhibiting specimens of the art at its various stages of improvement, and displaying a practical knowledge of the subject. It is needless to say Mr. McKinlay deservedly received a cordial vote of thanks for his services. On the 16th of the same month Dr. Leeming lectured on "Our Friends and Foes in the Insect World." This modest heading, became in his hands a very valuable treatise on the whole subject of Ethnological science, with highly magnified diagrams, especially of the Articulate Class of animals, and having separated the class "Insects" into their several orders, proceeded to treat of their habits, &c. The interest created was great, and the audience requested that another evening be devoted to the same subject, when the 13th January was named. On the 23rd December, A. B. Waburton, Esq., favored the Institute with a valuable paper on "The Great Epochs in English Literature, and their Causes." This paper displayed much historic study, and was well worthy of the deep attention it received. The subject was not only well chosen, but cleverly handled.

The 13th January, 1887, brought Dr. Leeming's subject again before the Institute, especially those insects which prove so injurious to the agriculturist, and the remedies for their extermination. I should like just here to direct Dr. Leeming's attention to a mischievous little microbe which has developed itself in Germany, and which feeds upon iron with as much gluttony as the Phylloxera upon the vine; rails were found to be corroded as if by acid, to the extent of 100 yards, and being broken up, were found to contain thin, gray worms, 2 centimeters long, and the size of a silver fork prong in circumference. On its head it carries two glands filled with a corrosive secretion, which is ejected every ten minutes upon the iron, which renders it soft and like rust. The iron is then eagerly eaten by the insect. They have classed it *Railcorer*.

The Institute did not meet again until the 17th February, when the subject discussed was "A Particle of Dust."

At its next meeting on 3rd March Mr. Thomas May read an excellent paper on "Sound," which gave rise to a good discussion. Mr. May deserved and received a vote of thanks for his services.

On the 10th March following, Mr. Robert Smallwood, who is recognized as one of the most active and able members of the Committee, in the mechanical department, treated on the Steam Engine, showing the principle of the steam slide valve, the injector, the different forms of governors, and other points of interest. As Mr. Smallwood seems to live and breathe in a mechanical atmosphere, and is always master of his subject, he is always heard with pleasure and profit.

On the 17th inst., Mr. Rob Angus treated on the "Telephone." After sketching briefly the history of telegraphy, he showed how different attempts were made to send messages by Electricity, all more or less unsatisfactory, until the Modern Receiver was invented by Mr. Bell. He explained the construction of the Telephone, showing the nature of the work done by the transmitter and receiver, and how the sound is sent along its wires, as Electrical Currents of a vibratory kind, which at the end of the wire give forth air vibrations, as it received them, and thus deliver their message. With the aid of the Telephone itself, explaining the curious machinery Mr. Angus made his lecture most interesting. A warm discussion followed.

On the 29th March Mr. Arch. McNeill read to a large audience his paper on "Sentiment." This was one of Mr. McNeill's best efforts, and was printed in the local papers, in accordance with a unanimous vote.

On the 31st March a paper on the "Birds of P. E. Island" was read before the Institute by Mr. Bain, our Island Naturalist. The subject in the hands of that gentleman, it is needless to say, was made very attractive, his knowledge of our feathered tribes it was manifest, was not a mere superficial acquaintance, but one that portrayed sincere friendship to the feathered tribe and love of the subject.

The question "Whether the World is advancing in Moral Reform?"—a very interesting one—was seriously discussed on 7th April. The subject was well opened by Mr. Lawson, in the absence of Mr. J. McDonald, to whom the duty had been assigned, and was well discussed.

Mr. W. A. Weeks, on the 14th April, read a paper on "The Attack of a Fort." The subject was made very interesting to all the audience, as Mr. Weeks displayed such a practical knowledge of the science as could only be obtained by diligent study.

A unanimous vote of thanks was awarded him.

At the next meeting, 21st April, Dr. J. D. McLeod, of this city, in compliance with the request of the committee, read a very valuable paper on some "Social Problems," to a large audience of ladies and gentlemen. The Dr. had evidently given his subject thought and study, besides which it soon became apparent to the audience that the topic was in the hands of the right man in the right place. The question of overpopulation as a cause of poverty, from the standpoint of Malthus and John

Stuart Mill, dealing also with J. C. Morrison's statement, that the condition of mankind was injured by the present system of international competition and reckless production of off-spring, was singularly well argued. The food supply was also treated of, as also the principles and object of the Socialist, Communist and Anarchist. The remedy, he showed, was within the province of the sanitarian, the philanthropist, the educationalist and the moral and religious teacher, rather than the political economist and statesman.

Mr. W. P. Doull, on the 28th April, gave us an excellent address on the "Working Power of Electricity," in which he went fully into the mode of measuring of its potentiality, explaining by practical experiments the principles of electro-magnetism, and its power of operation; explaining also the principles of modern dynamos, by means of miniature machines, as well as the construction of the telephone, as well as the phonograph, illustrating the similarity between the two. A good discussion followed, confined chiefly to the economical value of electricity as a motive power. Mr. Doull's lecture deserves special mention and more extended remarks, did space permit. He is gifted with singular knowledge of his subject, his mode of illustration is also very happy, his address and language being also very intelligible, makes it a great pleasure to listen to him. He received what he quite deserved, a cordial vote of thanks.

On the 5th May the subject of "Submarine Cables" was treated on by Mr. A. E. Morrison, in a very entertaining and able manner, as he not only explained the construction and materials used in cables, but produced specimens of those laid in deep seas and shore ends, describing the mode of laying machinery for sounding, paving out and picking up, the testing operations, illustrated with the mirror-galvanometer, and also gave an historical sketch of the cables, from the first, viz.: that laid between Dover and Calais in 1850, followed by that in our own country, between Capes Tormentine and Traverse, in 1852, describing the various failures in attempts to lay Atlantic Cables, until the year 1866, when success was achieved. He also cleverly explained the instruments used to work the long sub-marine cables, illustrating with the above named instrument, also exhibiting a map showing all the cables in the world, laid to the end of 1886. It is due to Mr. Morrison to say that so concise and clear was his style, and so interesting was the information conveyed in a short time, that the audience were highly gratified, and accorded him a sincere vote of thanks. It is quite evident that Mr. Morrison must be a very diligent worker, as well as a student on the subject treated of in his paper. He deserves every success.

So much for our little Institute.

But if I am expected to note something of the progress of Science and Literature generally during the past year, it must be very little, as the subject is too grand. We naturally turn to the report of the recent meeting of the British Association at Manchester for information, but none of the members papers there read developed anything very new or very startling. The Association proves, however, that the public take a great interest in modern development of science. Nearly 4000 persons attended; the collection being over £400, stg. The committee put aside half that amount for scientific purposes, and the residue for purposes which represent the Association's real work. The papers read were full of interest, to some of them reference will presently be made.

(Continued in our next.)

Local Notices.

WHY is it the people go to W. P. Colwill's from all parts of the country to get crockery when they come to the city? Because they see, by reading the papers, where to get the best and the cheapest. It is always at the Cheap Crockery Store. dec 10 eod wy 4w

SEE E. W. Taylor's window to-night. SAVE your rubbers and overshoes from wearing out at the heels by getting a pair of heel plates put on at R. K. Joet's, shoe store North Side, Market Square. Dec. 9 6ms

HANDSOME Marble Clocks, Figures and Plaques received Saturday.—E. W. TAYLOR.

A SLENDID assortment of Meerschaum and Briar Pipes, Cigar Cases, Holders, &c.—Reddin's Drug Store. dec 10 3i eod

ALL who are in want of Crockery would do well to call at our store before going elsewhere, seeing that we keep the best, the largest, the cheapest lot of Crockery in the city at the Cheap Crockery Store.—W. P. Colwill. dec 10 eod wy 4w

OUR stock of Christmas gifts is the handsomest we ever had and the prices are lower than ever.—Reddin's Drug Store. dec 10 3i eod

FRESH Citron, Lemon and Orange Peel, just opened at Beer & Goff's. 21—dec10

FRESH Figs, Dates, &c., cheap at Beer & Goff's. 21—dec10

A TIP TOP lot of Xmas Toys and Groceries just opened at R. K. Brace's.

A FEW elegant Xmas cards will be sold low at Reddin's Drug Store.

TWENTY PER CENT.—Discount to Pupils buying Xmas gifts for teachers at Reddin's Drug Store. Dec. 9 3ms eod

We have received a full supply of China glass and earthenware for our fall and winter trade, and are glad to say that we can sell as cheap as ever at the cheap crockery store.—W. P. Colwill's. dec 8, eod & wky

OVERSHOES.—Neat, warm and nicely lined; good rubber soles. Gents' and Ladies' American and Canadian Overshoes at Goff Bros.

GREY flannel, 12c, gingham, 6c, corsets, 30c, dress goods—call and see. All wool double width cloth, 80c, and 1,000 more bargains at Beer Bros. nov 24, dy wy, tf

HEARTH RUGS.—Axminster, Reversible, Antique, superior value, just received at Beer Bros. dy wy—nov16

RUBBERS! RUBBERS!—Wearing without tearing, light elastic and durable, pure gum, give perfect satisfaction. The Glove Brand and Coasting Rubbers had at Goff Bros.



JAMES A. MORRISON. GEORGE MUSGRAVE  
**MORRISON & MUSGRAVE,**  
BROKERS  
—AND—  
Commission Merchants,  
HALIFAX.  
Consignments of Island produce will receive prompt attention.  
REFERENCES: Thomas Fyche, Esq., Cashier Bank of Nova Scotia, Halifax; George Macleod, Manager Bank of Nova Scotia Charlottetown.  
**WARREN & JONES,**  
TEA MERCHANTS,  
71 EAST CHEAP AND 9 & 14 MINING LANE,  
LONDON, ENGLAND.  
Represented in Canada by MORRISON & MUSGRAVE, Halifax.  
Oct. 24, 1887—1mo